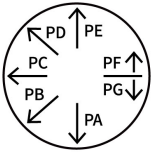


SL-70ML

Classification

AWS AWS A5.18/ ASME SFA-5.18 E70C-6M H4
EN ISO 17632-A T46 4 M M21 1 H5

Welding Positions



Features

- Designed for welding with Ar+CO2 mixed gas
- High deposition rates & minimal slag coverage
- Good impact value at low temperature
- low diffusible hydrogen level

Polarity

DC+

Application Areas

- Structural fabrication
- Steel industry
- Heavy equipment & machinery
- Shipbuilding

Shielding Gas

Ar+20~25% CO2

Approvals

LR	CE
✓	✓

Typical Chemical Composition of All-Weld Metal (wt%)

Shielding Gas	C	Si	Mn	P	S
Ar+20~25% CO2	0.06	0.42	1.52	0.020	0.010

Typical Mechanical Properties of All-Weld Metal

Shielding Gas	Yield Strength MPa(ksi)	Tensile Strength MPa(ksi)	Elongation (%)	Temperature °C (°F)	Impact Toughness J (ft·lbs)
Ar+20~25% CO2	491 (71)	556 (81)	26	-30 (-20) -40 (-40)	101(74) 82(61)

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Current (A)
1.2 (0.045)	140~300

SMW

GMW

GTW

FCW

Metal-cored Wire

SAW Wire

SAW Flux